Create Maps and Geography Reports

Create a GEOGRAPHY REPORT with TRI Explorer

Create DYNAMIC MAPS with TRI Explorer

Create a TRI STREAM, RIVER, OR LAKE REPORT with Envirofacts

Download the COMPLETE TRI DATA SET for Your State or the Entire Nation

Create a GEOGRAPHY REPORT with TRI EXPLORER

Toxics Release Inventory: It's On-Line! It's Easy! It's Your Right to Know!

How does your state compare...

√   **Releases of TRI chemicals in 2001?**

√   **Releases of mercury? Of OSHA-designated carcinogens?**

√   **Releases of TRI chemicals from chemical manufacturers?**

You can quickly and easily find answers to these questions on the web with a made-to-order TRI GEOGRAPHY REPORT!

This is what your TRI GEOGRAPHY REPORT will look like...

EPA TRI Explorer Report (USST) - Microsoft Internet Explorer

File   Edit   View   Favorites   Tools   Help

Address: http://www.epa.gov/cgi-bin/broker?view=USST&trilib=TRIQ0&sort=_VIEW_&sort_fmt=1&state=All+states&county=All+counties&chemical=_ALL_&indu

U.S. Environmental Protection Agency

TRI Explorer

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EPA Home > TRI > TRI Explorer (ver 4.3) > Reports

Releases: Geography State Report

Data source: Release Year 2002 data set frozen on April 1, 2004 and released to the public June 23, 2004   See Note   Go To New Report

TRI On-site and Off-site Reported Disposed of or Otherwise Released (in pounds), for facilities in All Industries, for All Chemicals, By State, U.S., 2002

Row #	State	On-site Disposal to Class I underground Injection Wells, RCRA Substitle C Landfills, and Other Landfills			Other On-site Disposal or Other Releases							Total On-site Disposal or Other Releases	Off-site Disposal to Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills		
		Class I Wells	RCRA Subtitle C Landfills	Other On-Site Landfills	Fugitive Air Emissions	Point Source Air Emissions	Surface Water Discharges	Class II-V Wells	Land Treatment	Surface Impoundments	Other Land Disposal		Underground Injection	RCRA Subtitle C Landfills	Other Landfills
1	Alabama	0	5,983,538	19,647,648	8,716,508	55,554,855	5,724,737	12,009	147,717	19,674,692	255,010	115,716,715	356,789	27,943	6,052,9
2	Alaska	0	0	23,170,402	541,363	1,861,332	66,584	17,763,362	0	252,387,287	252,197,200	547,987,529	0	0	
3	American Samoa	0	0	0	6,730	6	.	0	0	0	0	6,736	0	0	
4	Arizona	0	1	4,924,133	965,001	3,167,799	6,912	2,184,988	175,114	8,573,590	308,678,739	328,676,277	14,788	28,273	111,0
5	Arkansas	3,209,334	347,938	1,892,634	4,069,116	14,277,371	3,577,284	123,263	421,407	2,461,914	213,157	30,593,417	4,168	234,148	1,647,0
6	California	0	14,293,624	245,834	4,236,370	5,860,098	37,228	1,350,433	2,627,343	863,006	44,712,873	176,467	235,370	1,457,9
7	Colorado	0	81,321	6,201,003	935,032	2,315,887	5,062,968	0	566	2,961,948	3,610,460	21,169,184	26,586	21,805	1,696,3
8	Connecticut	0	0	58	998,832	2,676,173	749,557	0	0	284	168	4,425,072	0	4,919,426	829,4
9	Delaware	0	0	813,649	326,106	5,878,914	928,813	0	160	576	0	7,948,219	0	3,370	3,837,9
10	District of Columbia	0	0	0	3,677	59,546	332	0	325	1,350	0	65,231	0	126	4

Turn the page... find out how to create your own **TRI GEOGRAPHY REPORT** in minutes!

To create your own TRI GEOGRAPHY REPORT, follow these easy steps:

1. Go to EPA's TRI Explorer at www.epa.gov/triexplorer.

2. Under "Reports" on the left-hand side of the screen, select "Geography."

3. If you click on "Generate Report", you will receive a list of U.S. states and territories. The report will include chemical releases to air, land, surface water, underground injection wells, total disposal and releases on-site at the facilities, and total disposal and releases off-site.

   Your **TRI GEOGRAPHY REPORT** will automatically be sorted alphabetically by state. You can quickly and easily sort this list by air emissions, surface water discharges, underground injection, total releases on-site, and total releases off-site by clicking on the little arrows at the top of each column.

Customize your TRI GEOGRAPHY REPORT...

√   **What are the top counties in the U.S. based on TRI-reported chemical releases?** Under "Geographic Location" select "U.S. by County" and click on "Generate Report."

√   **You can narrow your report to just one chemical or groups of chemicals** under "Chemical Released."

√   **In what states and counties does the petroleum industry release toxic chemicals to the environment?** Simply click on the arrow next to "All Industries," scroll down and click on "Select from list of SIC codes."

√   **Simplify your TRI GEOGRAPHY REPORT for easy printing** by generating individual reports for "Total On-site Disposal or Other Releases" and "Total Off-site Disposal or Other Releases."

What you can do.   TAKE ACTION!
You are a full partner in environmental protection.

√   **Find out what chemicals** are released in your state with a **TRI CHEMICAL REPORT.**

√   **You can learn more** about the health and safety of these chemicals at the National Library of Medicine's ToxNet at http://toxnet.nlm.nih.gov and the Agency for Toxic Substances and Disease Registry's ToxFAQS at http://www.atsdr.cdc.gov/toxfaq.html.

√   **Work with your local government** to improve government policies and create incentives for pollution prevention. Dynamic maps provide you with a powerful communication tool to open a dialogue with your elected officials.
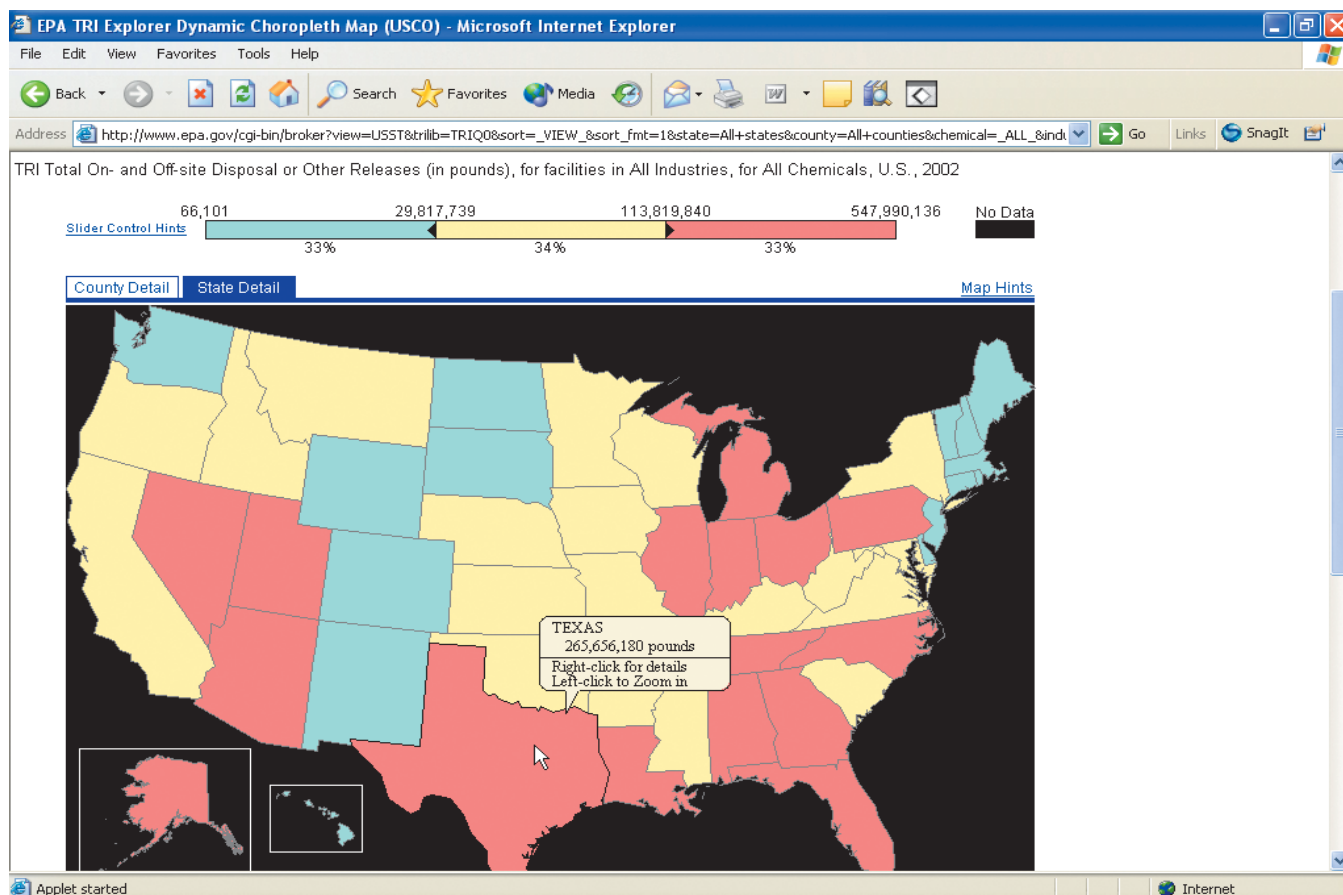
Create DYNAMIC MAPS with TRI EXPLORER

Toxics Release Inventory: It's On-Line! It's Easy! It's Your Right to Know!

√ **Create an interactive map to visually compare chemical releases by state and county!**

√ **Map environmental releases of specific chemicals such as mercury, dioxin, or carcinogens!**

√ **Visually compare environmental releases by industry sectors such as electric utilities, plastics, or petroleum!**

Map it with a made-to-order TRI DYNAMIC MAP!

This is what your TRI DYNAMIC MAP will look like...

Turn the page... find out how to create your own **TRI DYNAMIC MAP** in minutes!

To create your own TRI DYNAMIC MAP, follow these easy steps:

1. Go to EPA's TRI Explorer at www.epa.gov/triexplorer.

2. Under "Maps" on the left-hand side of the screen, select "Dynamic."

3. If you click on "Map it!," you will receive a dynamic map of the U.S. by state. States or counties are colored according to their total TRI-reported chemical releases on-site and off-site including air, land, surface water, and underground injection.

4. Interact with the map! Move the mouse over a state to see the total pounds of TRI chemicals reported released. Right click for more details on TRI chemicals, facilities, or industries for that state. Left click to zoom into a dynamic map of the counties in that state.

Customize your TRI DYNAMIC MAP...

√   **Create a dynamic map for a specific industry sector such as electric utilities or chemical manufacturers!** Make your selection under "Industry" and click on "Map It!".

√   **Map releases of mercury, dioxin, or OSHA carcinogens!** You can create a chemical-specific map by clicking on the arrow under "Chemical Released." Select specific chemicals such as mercury or dioxin or a chemical group and "Map it!"

What you can do.   TAKE ACTION!
You are a full partner in environmental protection.

√   **Work with your local government** to improve government policies and create incentives for pollution prevention. Dynamic maps provide you with a powerful communication tool to open a dialogue with your elected officials.

√   **Take local action!** Raise your concerns with CEOs and industrial managers. Encourage facilities to improve chemical management and pollution prevention.

√   **Assess the situation yourself.** TRI is the first link to finding whether chemicals manufactured, released or transferred in your community pose a threat. Other resources in your community are available to assist you in evaluating risks in your community including your local library, safety and public health agency.

Create a TRI STREAM, RIVER OR LAKE REPORT with ENVIROFACTS

Toxics Release Inventory: It's On-Line! It's Easy! It's Your Right to Know!

The TRI includes information on chemical releases to streams, lakes, and other water bodies. You have a right to this information. With TRI, you can create a stream, river, or lake profile in a matter of minutes.

To create your own TRI STREAM, RIVER, OR LAKE REPORT, follow these easy steps:

1. Go to EPA's Envirofacts Warehouse at www.epa.gov/enviro.

2. From the blue sidebar on the left-hand side, click on "Queries, Maps, and Reports."

3. Under Queries, you'll see the heading "Toxics Release Inventory" followed by several query options. Select "TRI Customized" to create this custom report.

4. Scroll down the page and begin the four step process to create your own customized TRI query. Begin with Step 1: selecting the subjects of your search. For a customized search of chemicals released to water:

•   Click on "Stream and Water Information."
•   Click on "Form R Reporting Form Information."
•   Click on "Facility Information."
•   Click on "Release Information for Water, Air, Surface and Underground Injection."

These four subjects will allow you to access TRI information on stream name, Form R reporting information such as chemical name, amount released and year released, and important facility information such as name and location. After you have made these selections, go to Step 2 to retrieve the tables for these subjects.

Important Considerations

The TRI provides a partial, though important, account of the quantity of toxic chemicals and metals released into streams, rivers, lakes, and other water bodies in the United States. The TRI does not account for many important releases into U.S. water bodies such as runoff from urban and agricultural areas; and chemical releases by smaller facilities that are not regulated under TRI. This TRI water profile will provide you with a starting point for learning more about the water quality in your community.

United States Environmental Protection Agency

5.	In Step 2, select the tables that contain the information you are interested in. For this search, select all tables listed.

•	Click in box for "TRI Water Stream."
•	Click in box for "TRI Reporting Form."
•	Click in box for "TRI Facility."
•	Click in box for "TRI Release Quantity."

Then go to Step 3: Select Columns.

6.	In Step 3, you can select the output you are interested in from the various columns contained in the tables you selected. For this search:

•	Click in the box for "Stream Name."
•	Click in the box for "Reporting Year."
•	Click in the box for "Chemical Name."
•	Click in the box for "Facility Name."
•	Click in the box for "Street Address."
•	Click in the box for "City Name."
•	Click in the box for "State Abbreviation."
•	Click in the box for "Release Estimate Amount."

Then go to Step 4: Enter Search Criteria

7.	In Step 4, you can enter specific search criteria and organize your output. For this search:

•	Do not enter any facility name.
•	Enter reporting year desired, any year from 1987 - 2002.
•	Unless you are interested in a specific zip code, city, county, or state, leave these sections blank.
•	You can select a standard industrial classification (SIC) code if you would like to limit your search to specific industries. You can also limit your search to specific chemicals. To create a list that includes releases from all industries and all chemicals, leave these selections blank.
•	Enter stream name (such as Mississippi River). To be certain you are retrieving all information possible, search by the operator definition of "containing" instead of "equal to" and "Mississippi," for example. If you search by "equal to" and "Mississippi," facilities that reported releasing to the "Mississippi River" won't be retrieved since it's not exactly the same.
•	You can specify the column display order with a "1", "2" etc. This is optional.

Finally, you are ready to search the TRI database. Click on "Search Database."

Import these data into a database...

You can easily import these data into a spreadsheet, such as Microsoft Excel, by creating a comma separated value (.csv) file. To create a csv file, click on "Output to CSV File" at the bottom of your query results page. A new web page will appear. The new .csv file will be a string of numbers like 154730355.csv. Scroll down and click on that file name to begin downloading the file onto your computer.

Download the CᴏᴍᴘʟᴇᴛᴇTRI Dᴀᴛᴀ Sᴇᴛ for Your State or the Entire Nation!

Toxics Release Inventory: It's On-Line! It's Easy! It's Your Right to Know!

Conduct more detailed analyses of the TRI data with the CᴏᴍᴘʟᴇᴛᴇTRI Dᴀᴛᴀ Sᴇᴛ for your state or the entire nation! The CᴏᴍᴘʟᴇᴛᴇTRI Dᴀᴛᴀ Sᴇᴛ can be imported into common desktop spreadsheet or database software. This gives you the power to review, sort, analyze, compile, and graph the TRI data. These files are commonly used by students, researchers, environmental organizations, communities, state and local governments seeking the flexibility to conduct more detailed and specific analyses of the TRI data.

To download your own TRI Sᴛᴀᴛᴇ Dᴀᴛᴀ Sᴇᴛ, follow these easy steps:

1.   Go to EPA's TRI homepage at www.epa.gov/tri.

2.   On the blue vertical menu bar on the left side of the page, click on "Get TRI Data."

3.   Scroll down to the subsection titled "TRI State Data Files" and click on the link "TRI State Data Files."

4.   Be sure to read the introductory paragraph at the top of the TRI: State Data File page. The TRI state data files are formatted differently from year to year. This introductory paragraph will explain the format differences which may be useful when you import the data into spreadsheet or database software.

5.   Next, click on the state you are interested in. The browser will jump to the location of the state data files you selected, which should now be at the top of the screen.

6.   TRI State Data Files are available from 1998 through 2002. Click on the year you are interested in. This will begin the process of downloading the TRI data for that year. The state data files are compressed or zipped into a file that you will download. This file is actually a "self-extracting" zipped file. It will have a file extension of ".exe". You will not need any additional software to un-zip this file. The unzipping program is contained in the zipped file so all you have to do is execute the files.

The number in parenthesis next to the reporting year indicates the size of the file that will be downloaded to your computer. That's the size of all the files zipped up. When you uncompress the zipped file, it will expand into several files that will be collectively larger than the original zipped file.

7. A pop-up box will appear to ask if you would like to open the file or save it to your computer. Click the "Save" button.

8. Another pop-up box will appear that will allow you to choose the directory on your computer where you'd like to save the TRI state data file. Navigate to the correct directory and then click the "Save" button.

9. Once the file has been saved to your computer, simply execute it and it will expand into six individual state data files. These six files collectively contain the entire set of TRI data for that reporting year. From a computer using a Windows operating system, you can execute the file several different ways:

    •   Open up "My Computer." Navigate to the directory where you saved the state data zipped file. Click on the file name and the file will automatically self-extract.

    •   Open up File Explorer by *right* clicking on the "Start" button and then clicking on "Explore." Navigate to the directory where you saved the TRI state data zipped file. Click on the file name and the file will automatically self-extract.

    •   *Left* click on the "Start" button and then click "Run." Click the "Browse" button to navigate to the directory where you saved the TRI state data zipped file. Click on the file name. Click "Open" in the navigator pop-up box. Then click "Open" in the "Run" pop-up box.

10. No matter how you execute the self-extracting zipped file, a pop-up box will appear. To unzip the files, navigate to the directory where you want the files to exist and then click the "Unzip" button. After the files have been unzipped, close this pop-up box.

11. File format documentation for each year of the state data files is also available on the TRI State Data File web page (www.epa.gov/tri/tridata/state_data_files.htm). Scroll down to the very bottom of this page to the subsection titled "File Format Documentation." Click on the link for the year you want to access. The documentation is contained in Portable Document Format (.pdf) format. These files can be read with the Adobe reader which is available free of charge from the Adobe web page at www.adobe.com/products/acrobat/readermain.html.

12. Once you have downloaded the TRI state data files, you can easily load them into several common desktop spreadsheet and database applications.